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(Unannounced)

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**THE PRODUCTION OF "SYNTHETIC TANNING OIL"
BY THE USE OF SULPHURIC ACID** (Izgotovleniye
"Sinteticheskogo Kozhevennogo Zhira" s Primeneniyem
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61-23239

Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i Masel
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DESCRIPTORS: *Tannic acids, Production, Esters,
Oils, *Fatty acids, *Esterification, Glycols,
Ethylenes, Sulfuric acid, Catalysts.

The use of sulphuric acid as the catalyst in the produc-
tion of synthetic tanning oil on an industrial scale (1)
significantly reduces the esterification time (2) im-
proves the quality of the product according to iodine
number, (3) increases the stability of the product in
storage and (4) reduces the cost of the finished product
(Engineering--Chemical, TT, v. 6, no. 3) (over)

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I. Koffun, T. I.
II. Strom, D. A.
III. DSIR LLU M.2995

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Melting-Point Curves with Inflection Points and
Mixture Gaps of the Liquid Phases in Organic
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CONCERNING HEXACHLOR-CYCLOHEXANES (AND
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[12p] 13refs
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TT-63-18232

Trans. of Chemische Berichte (West Germany)
[1951] v. 84 [no. 5/6] p. 427-433. (Abstract available)

DESCRIPTORS: *Hexachlorocyclohexanes, *Crystal
structure, *Phase studies, Eutectics, Melting,
*Molecular isomerism, Insecticides.

The diagrams for the three binary systems possible
among α -, γ - and δ -1, 2, 3, 4, 5, 6-hexachlor-
cyclohexane were determined on the heated stage
microscope; the melting curves for stable as well as
unstable forms were determined. Investigations of
mixtures with the β -compound were limited to the small
portion of the diagram containing the eutectic. Forms-
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DESCRIPTORS: *Hexachlorocyclohexanes, *Crystal
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isomerism, Insecticides.

In the investigation of six hexachlor-cyclohexanes on a
heated-stage microscope, polymorphic behaviour was
noticed for 4 isomers. β - and γ -hexachlor-cyclohexanes
have 2 monotropic modifications each; the unstable forms
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 γ -isomer occurs in three modifications: 1. rhombo, (over)
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DESCRIPTORS: *Drugs, Chemicals, Melting,
*Microanalysis.

(Chemistry--Analytical, TT, v. 11, no. 5)

TT-64-10027

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1. Kofler, L.

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A Rapid Method for Obtaining Fusion Diagrams.
Part II, by L. Kofler, H. Winkler.

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